

FIG. 1

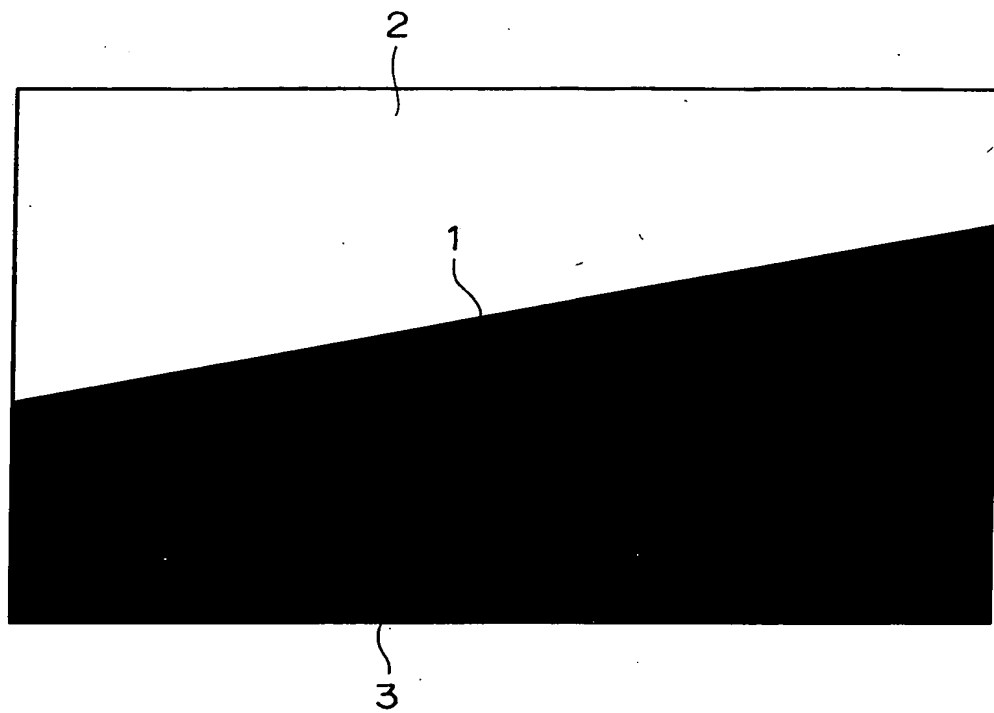


FIG. 2

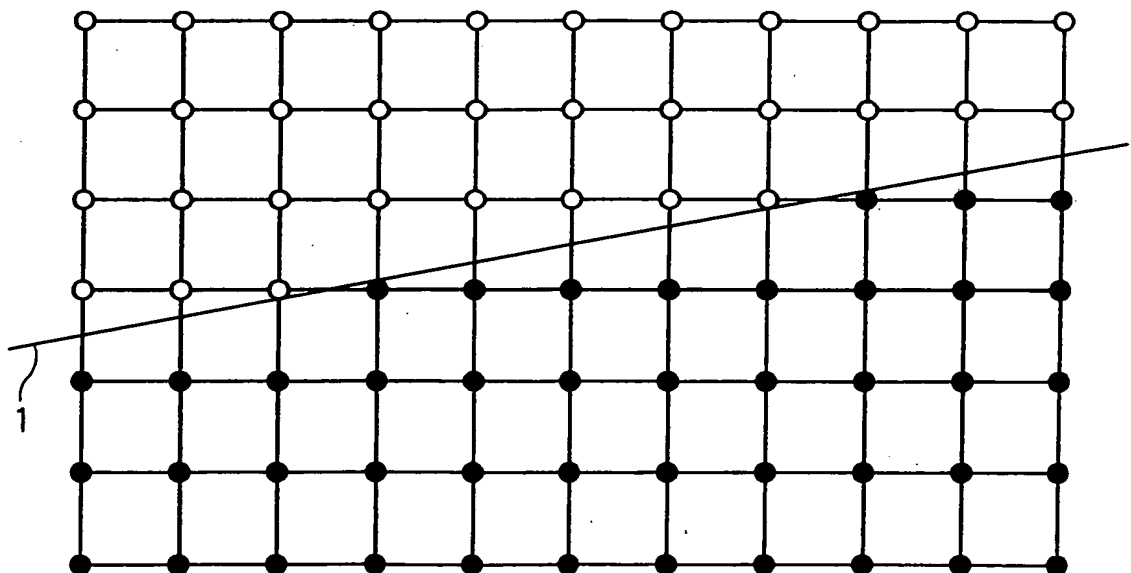


FIG. 3

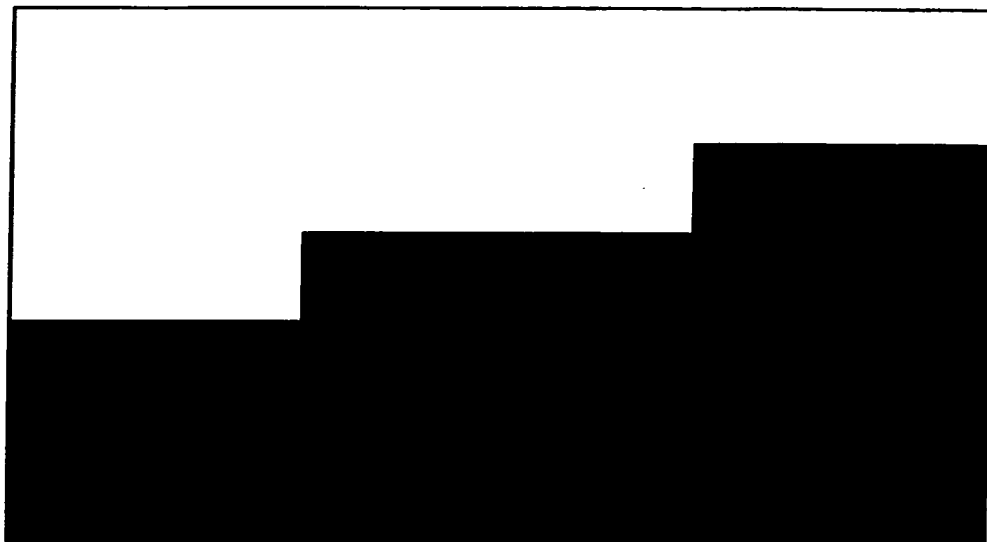
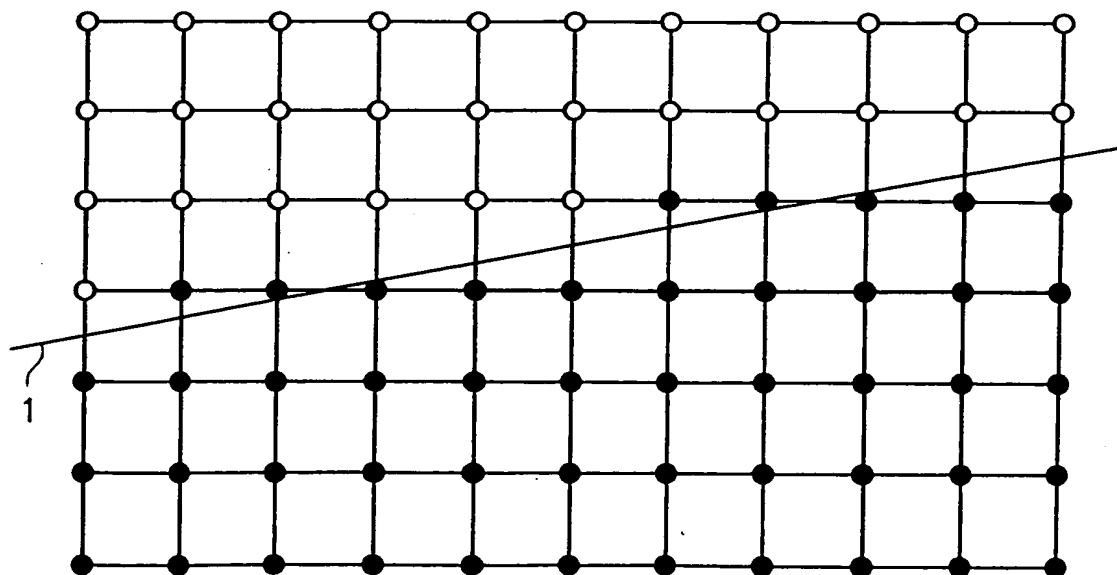


FIG. 4



# FIG. 5

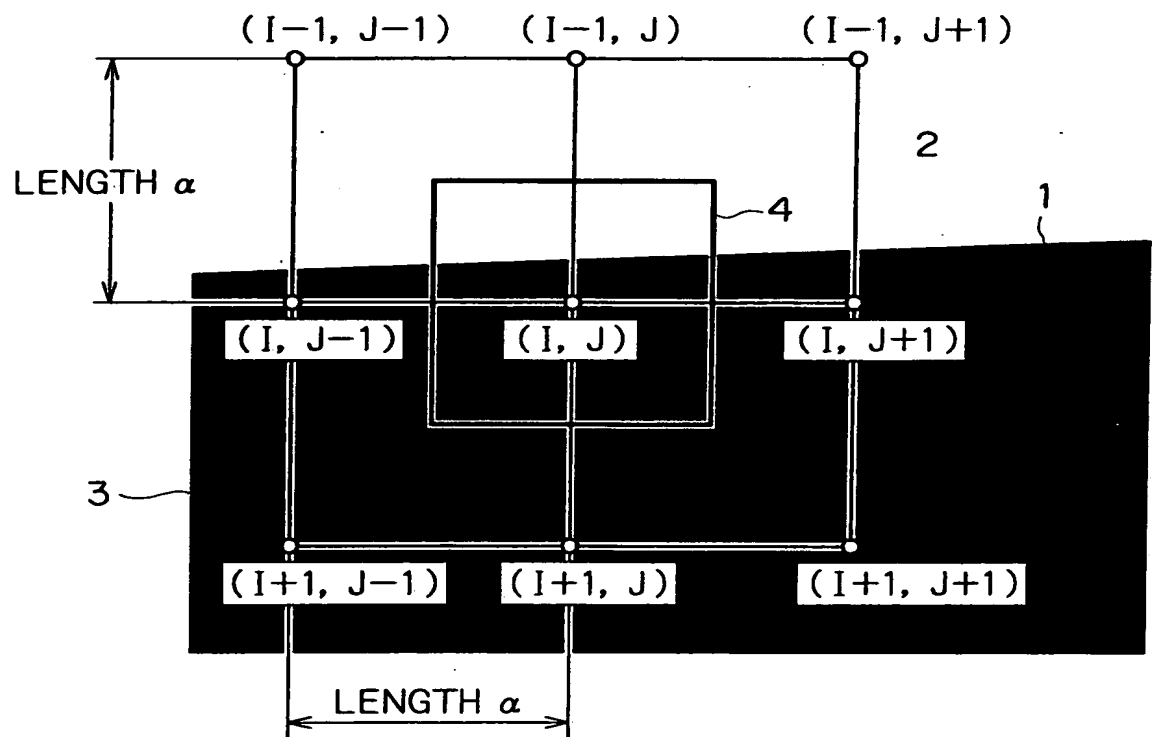
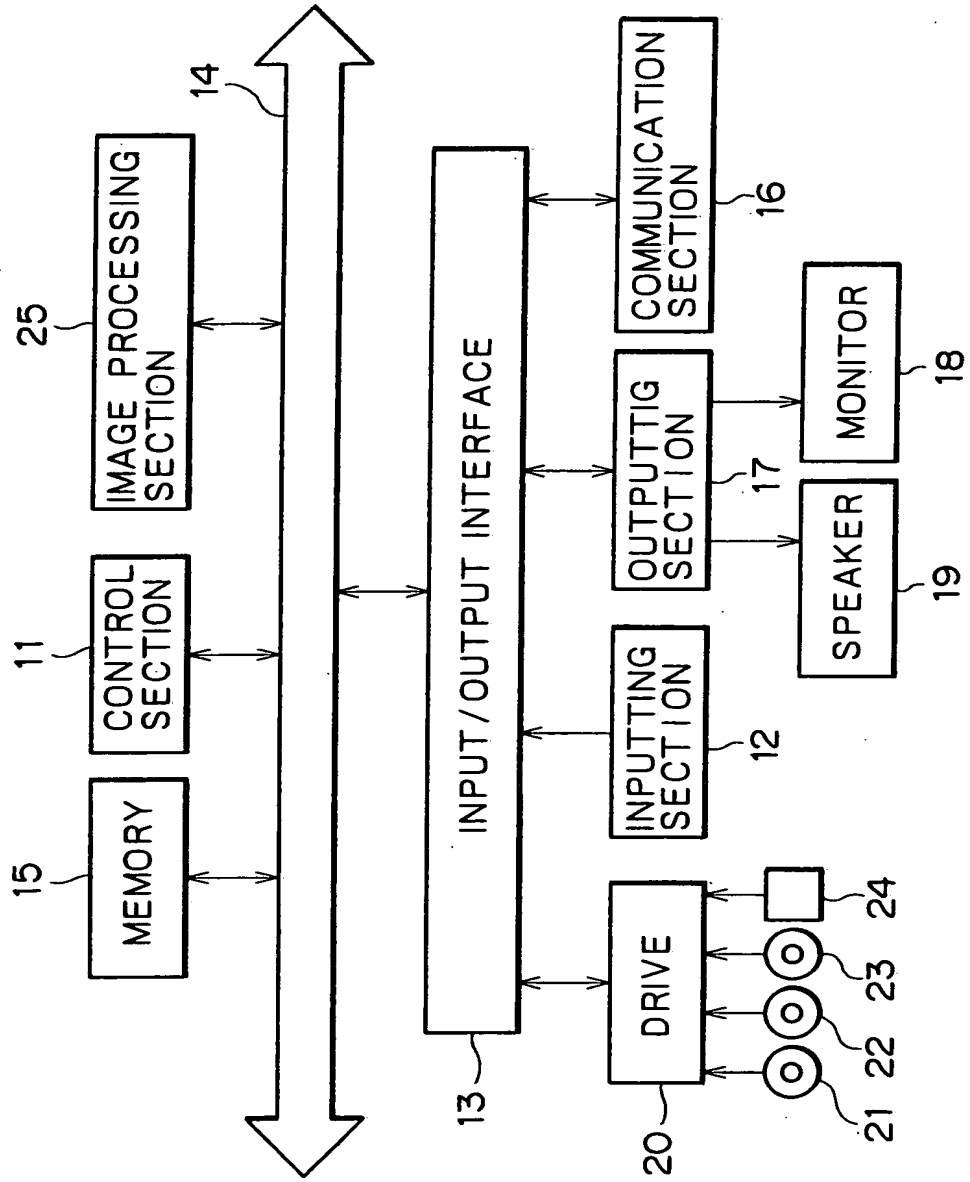


FIG. 6



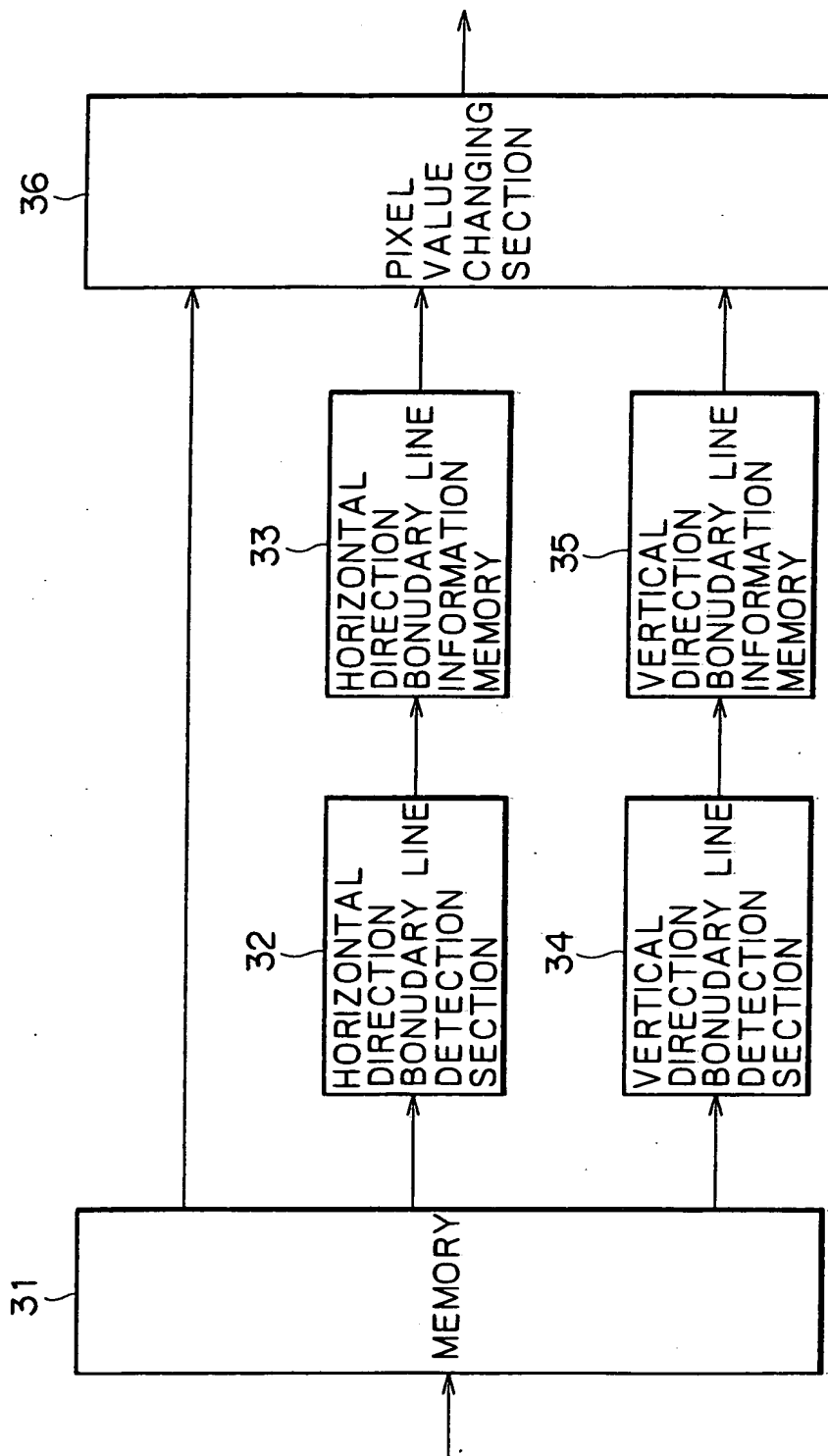
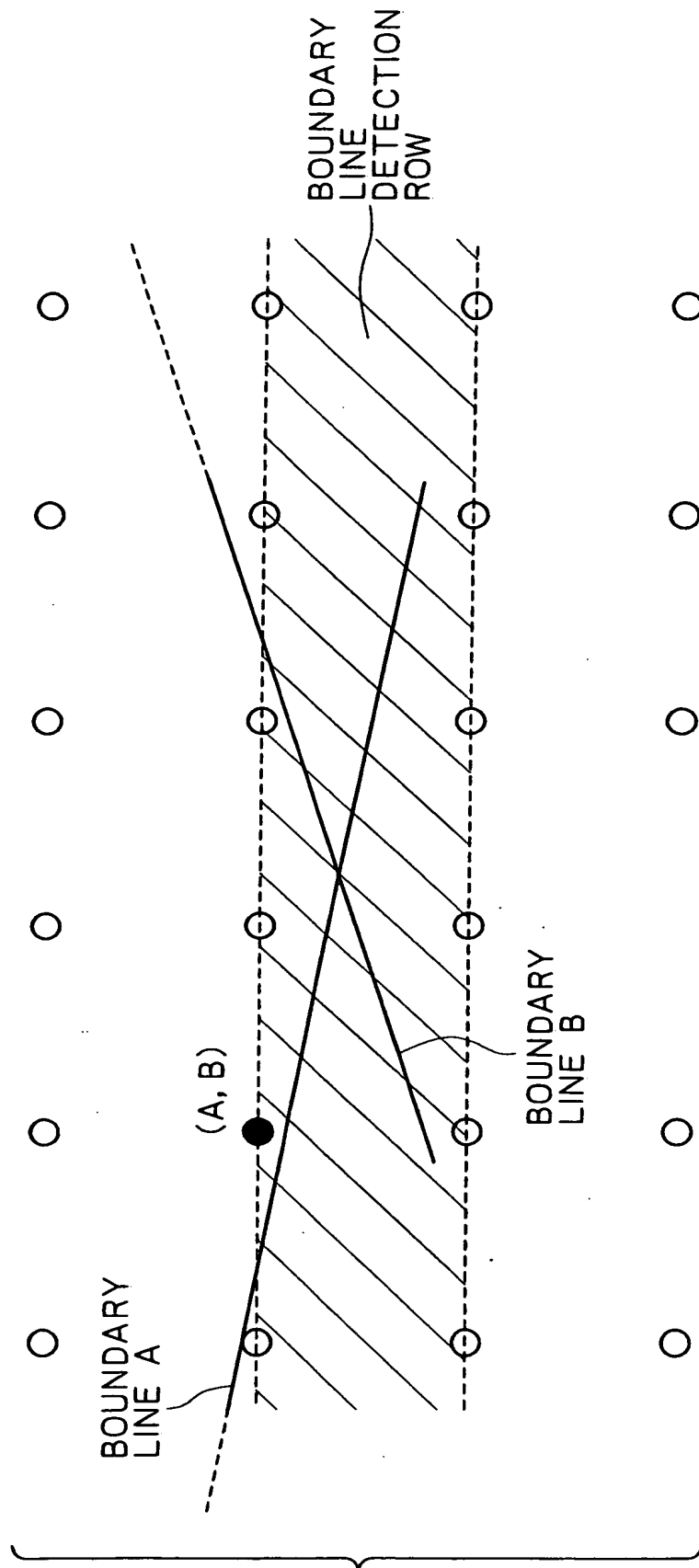
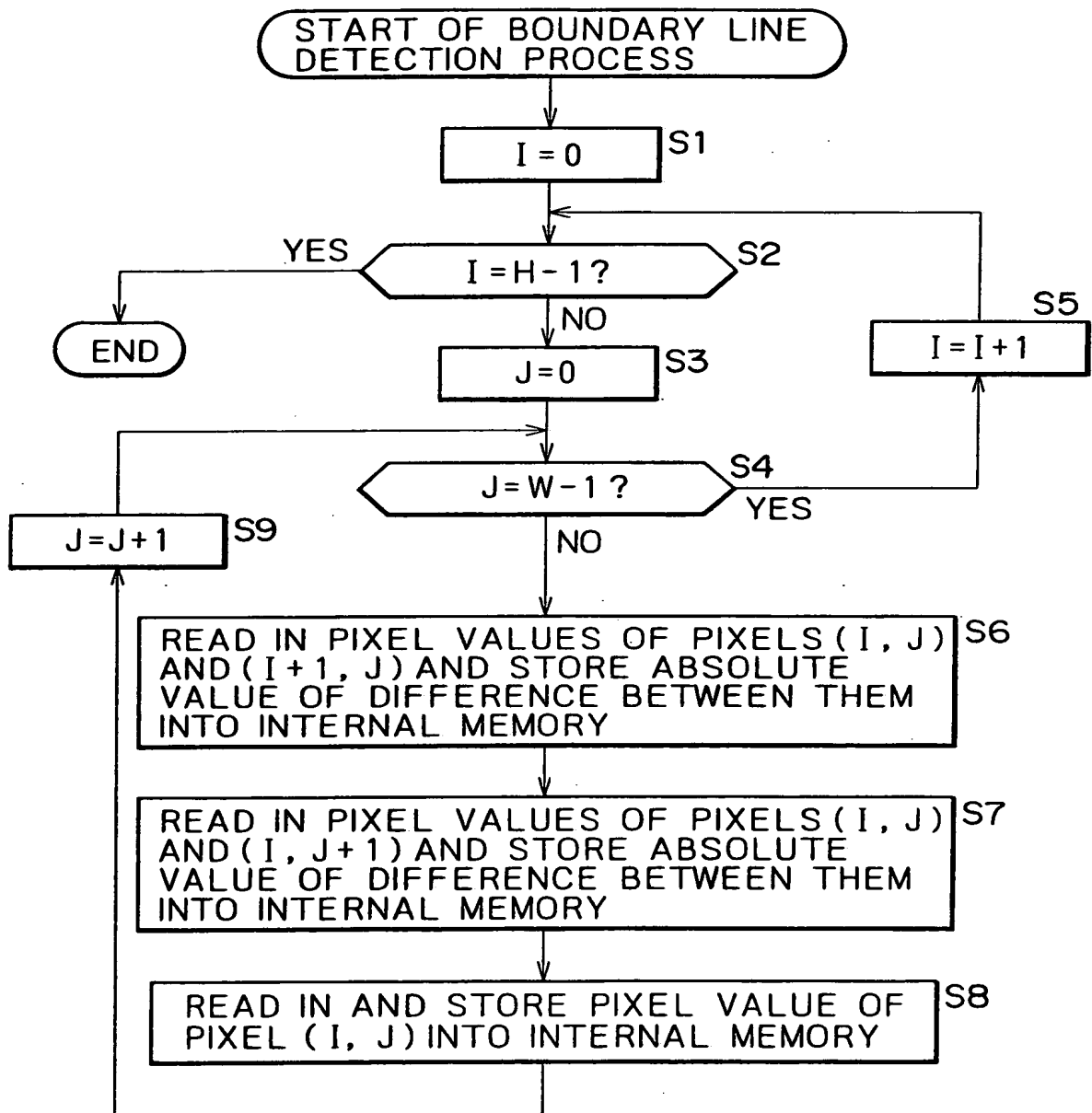


FIG. 7

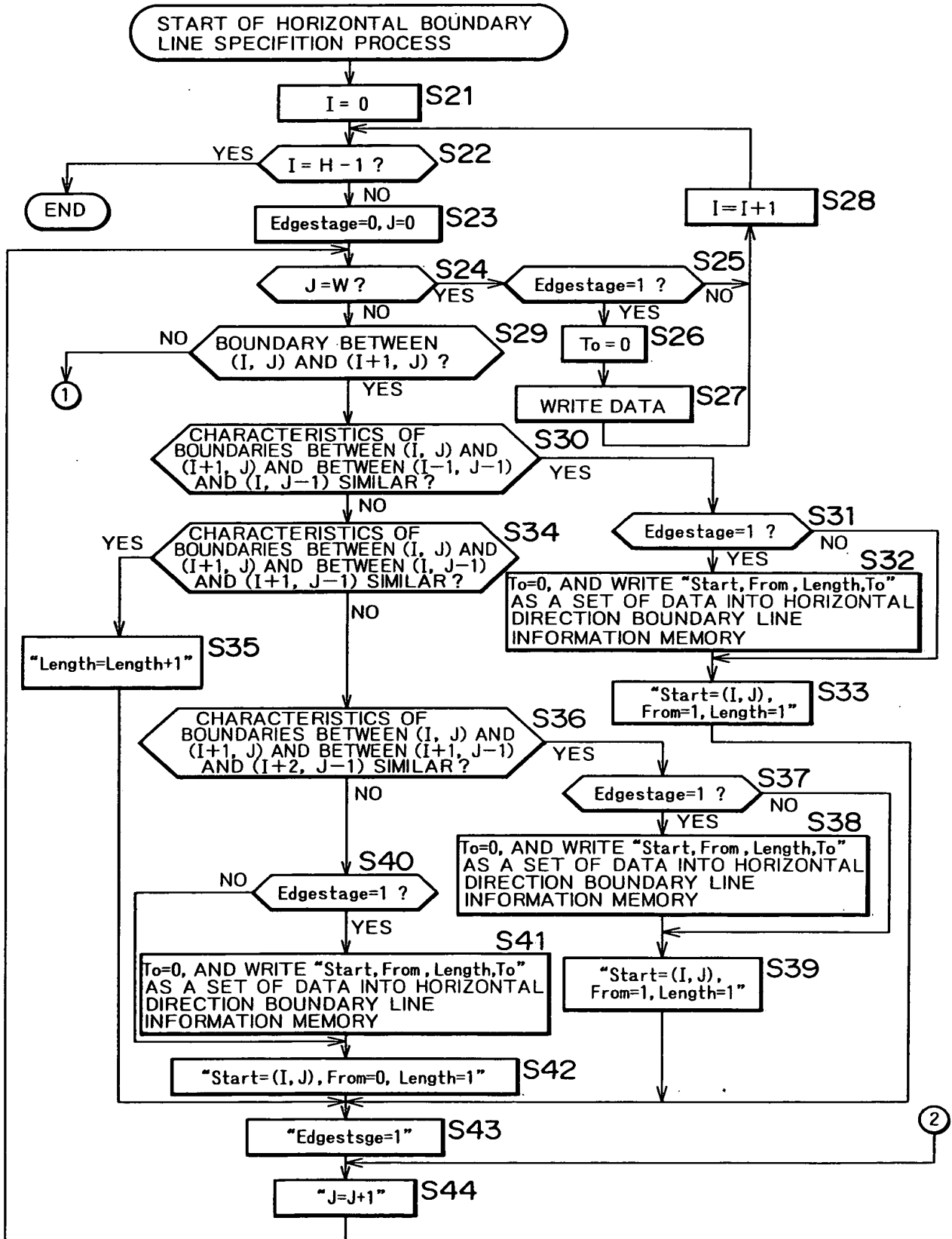
FIG. 8



# FIG. 9

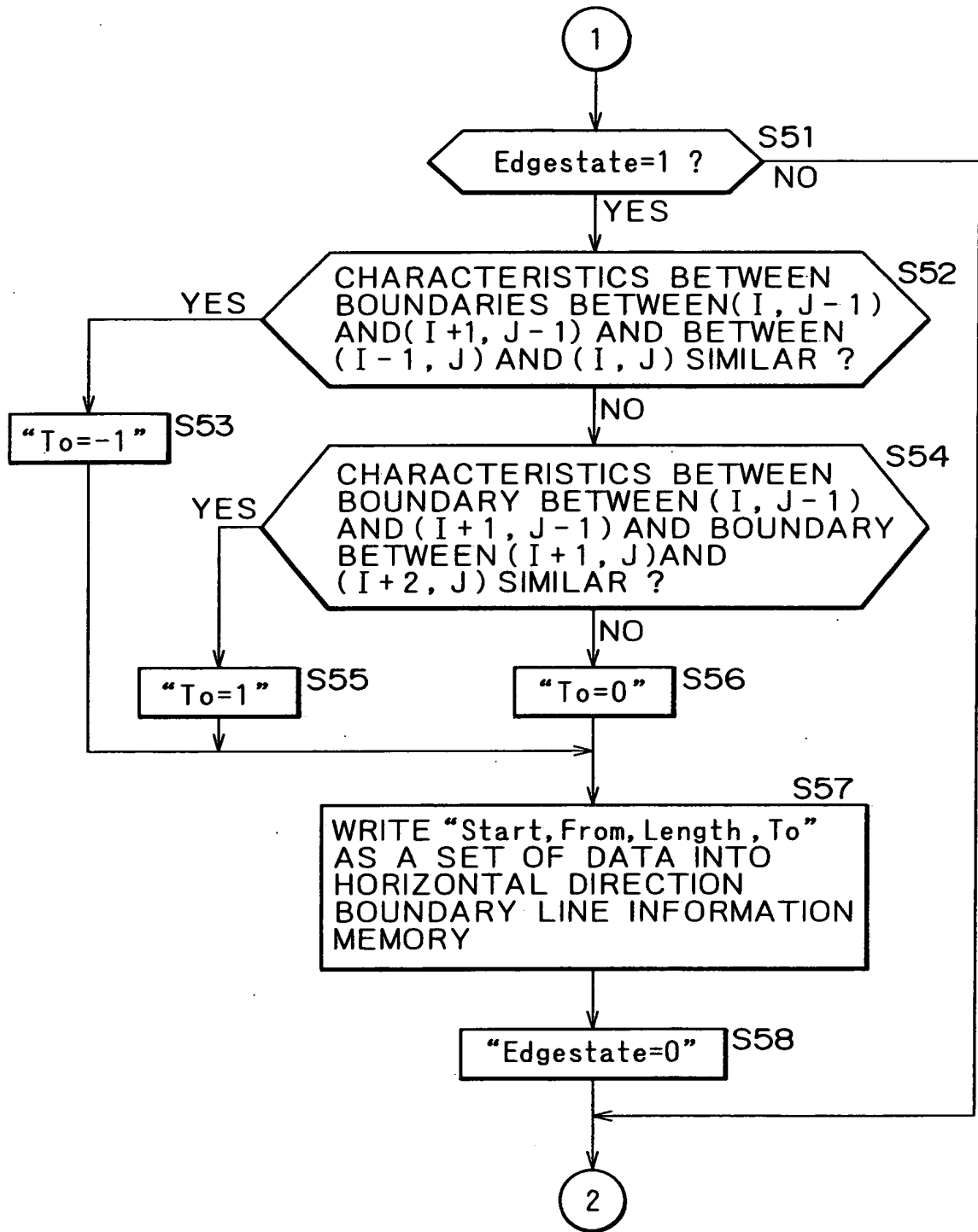


# FIG. 10

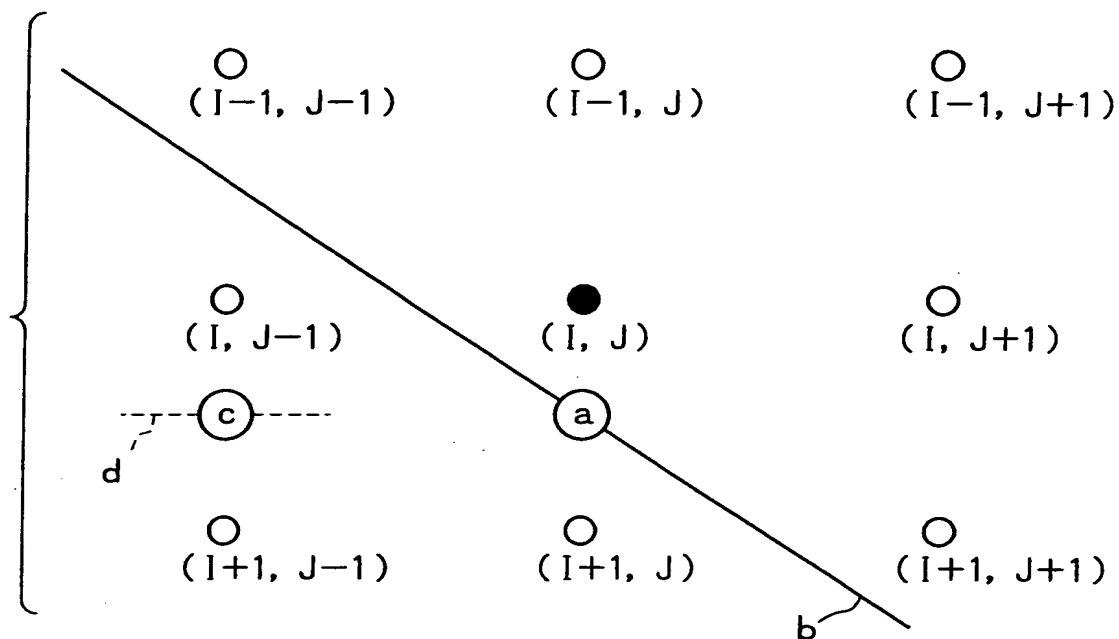




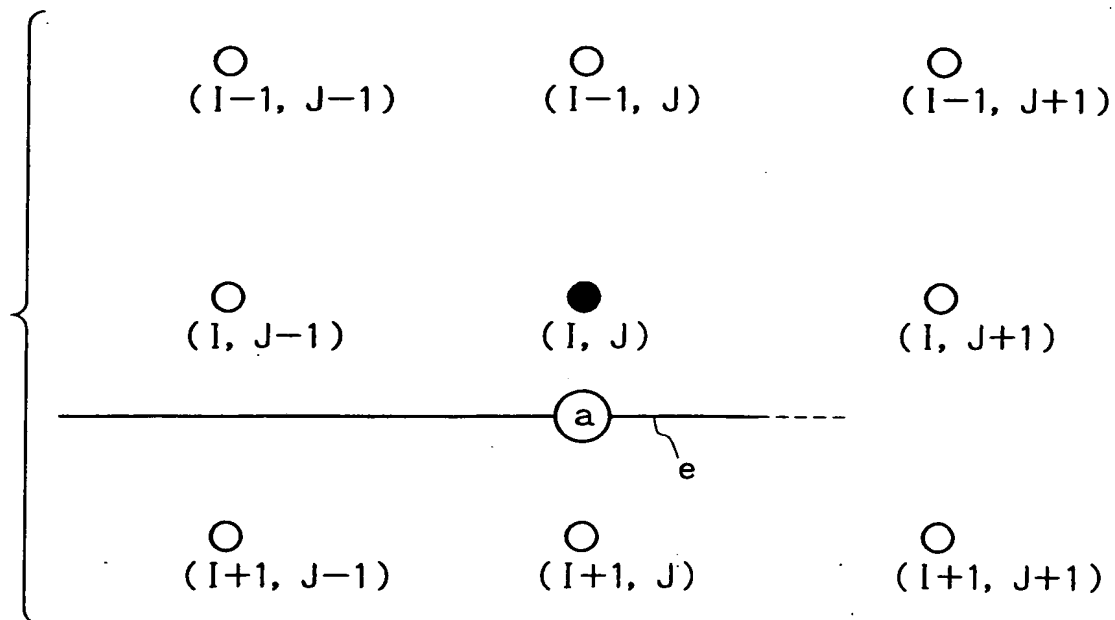
# FIG. 11



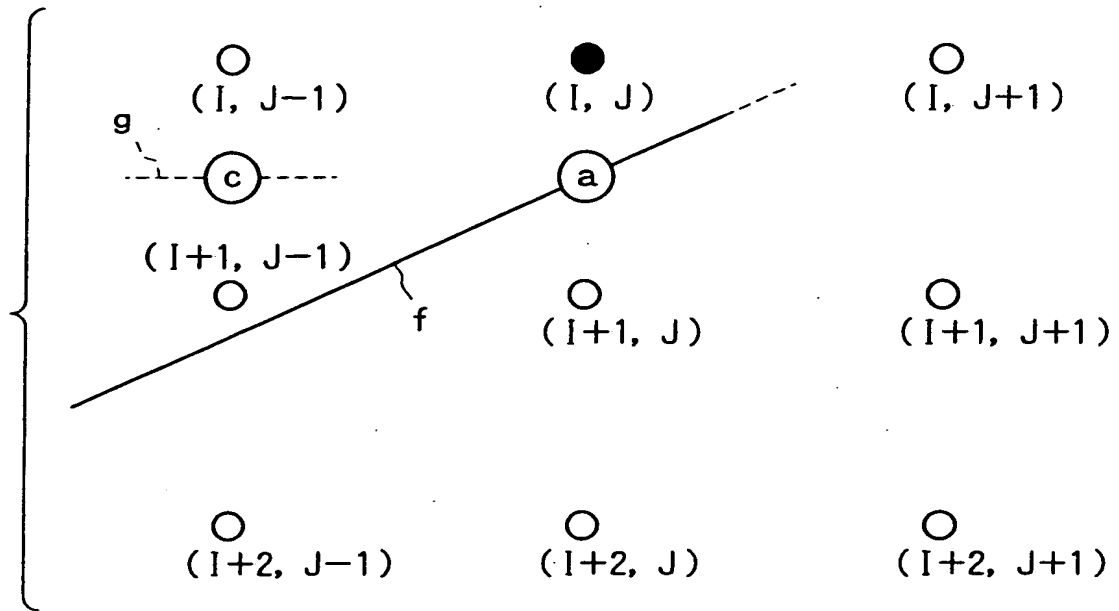
# FIG.12



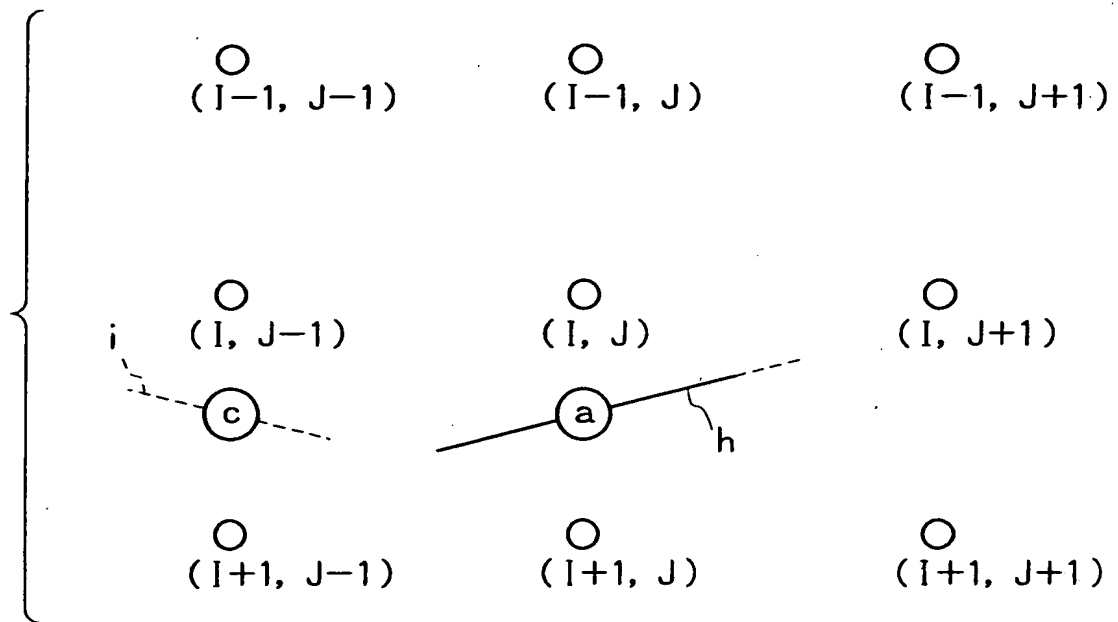
# FIG.13



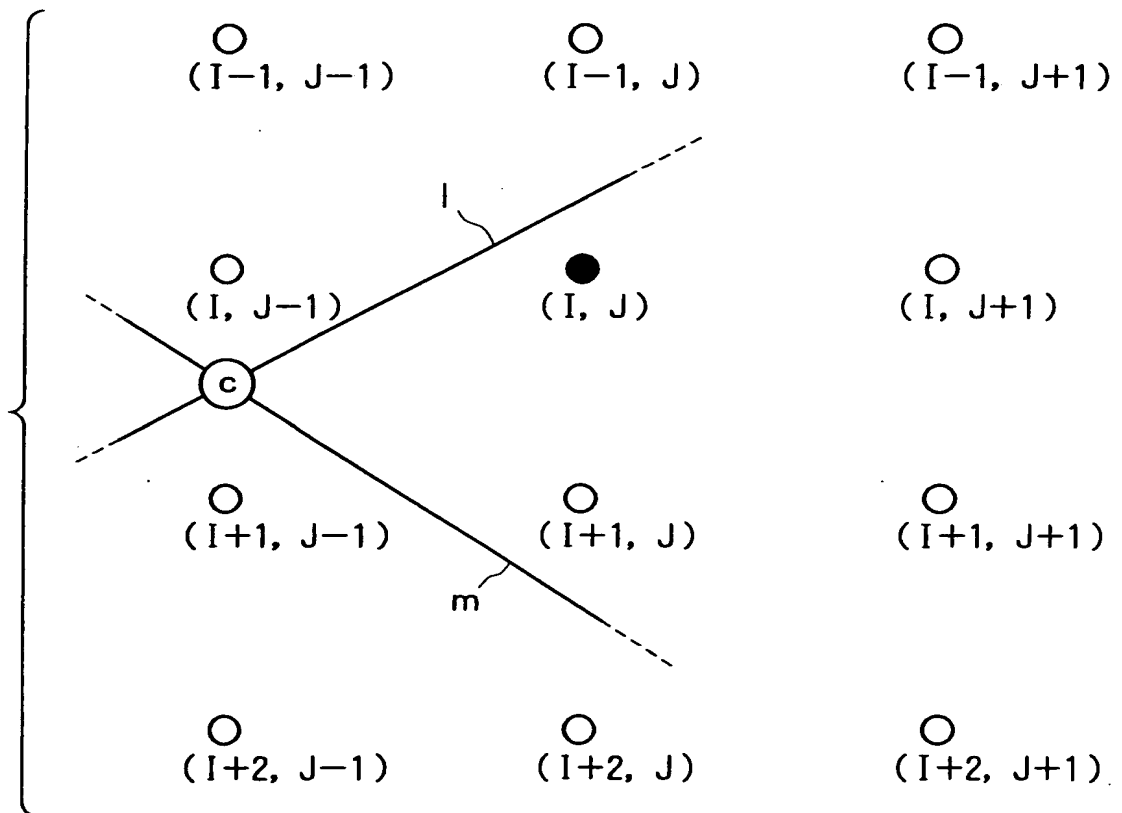
# FIG.14



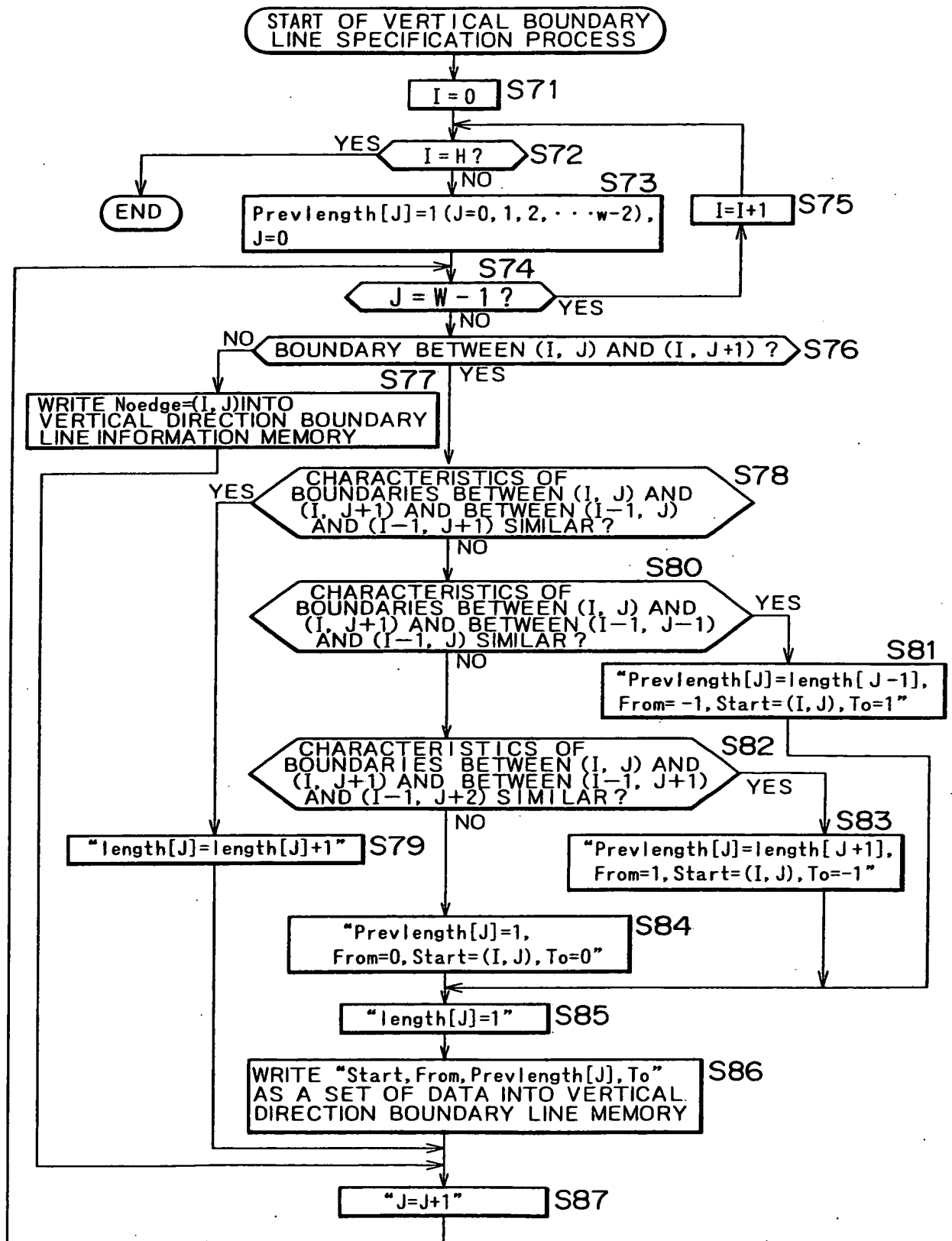
# FIG.15



# FIG. 16

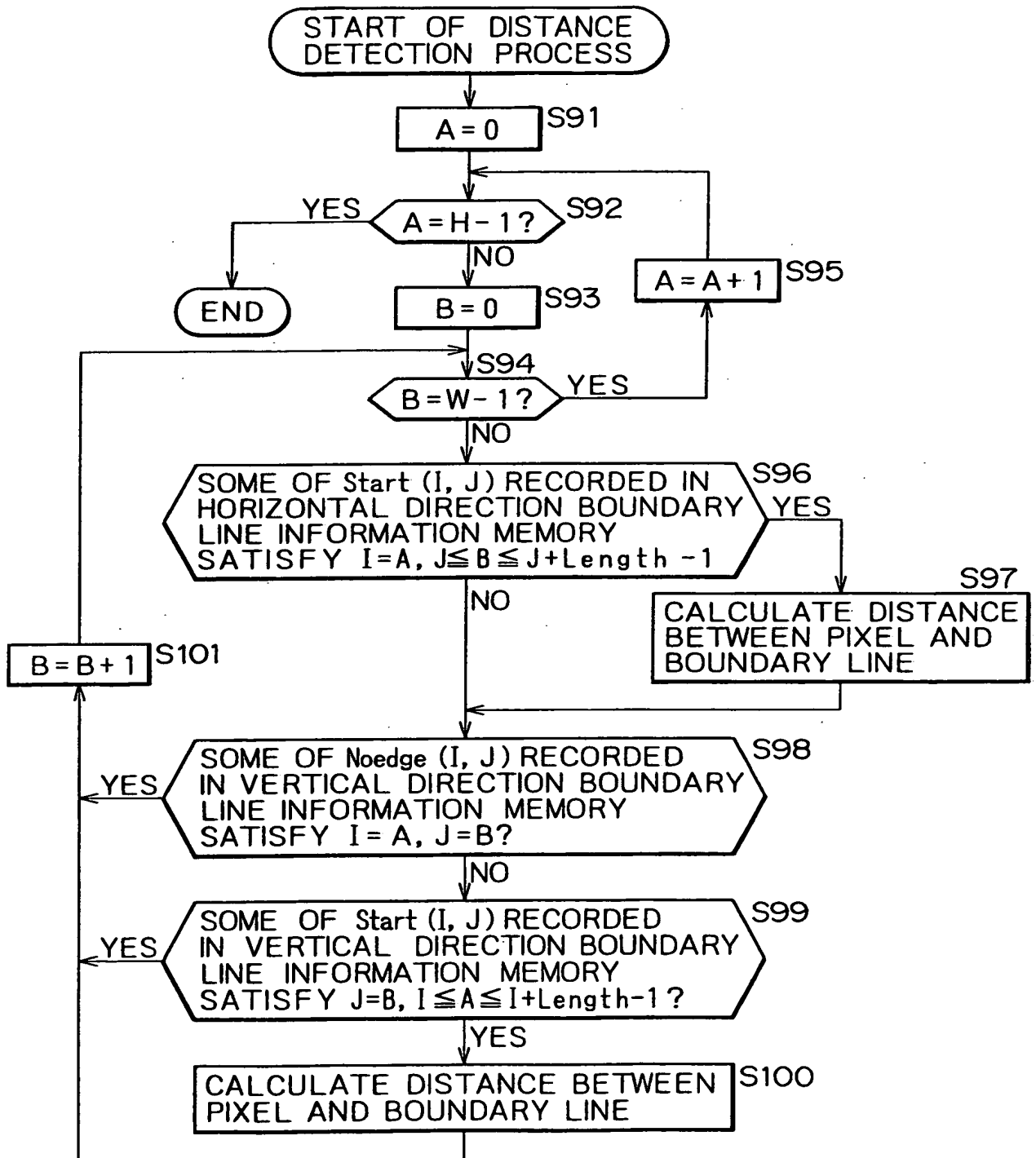


# FIG. 17





# FIG. 19

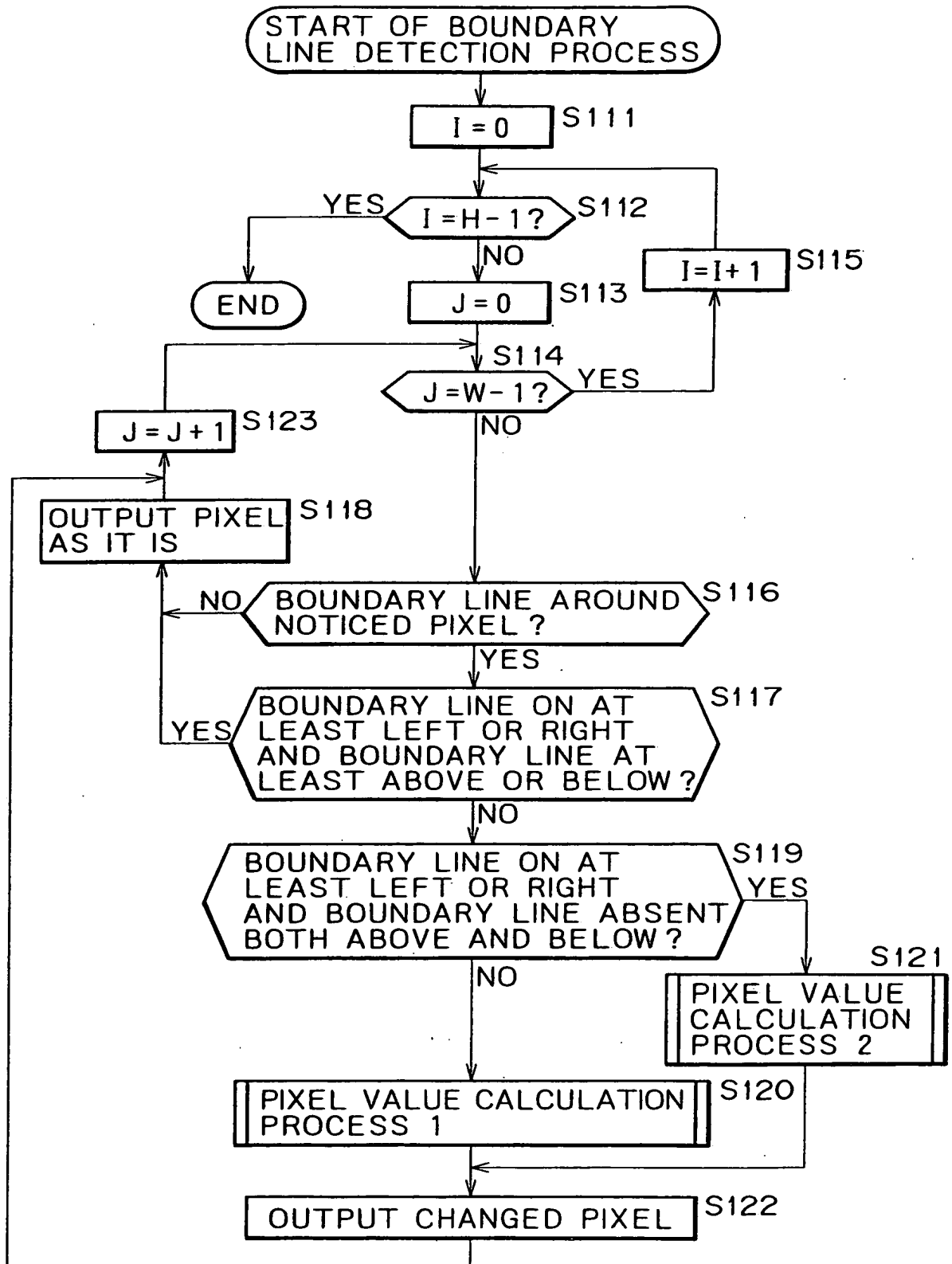


# FIG. 20

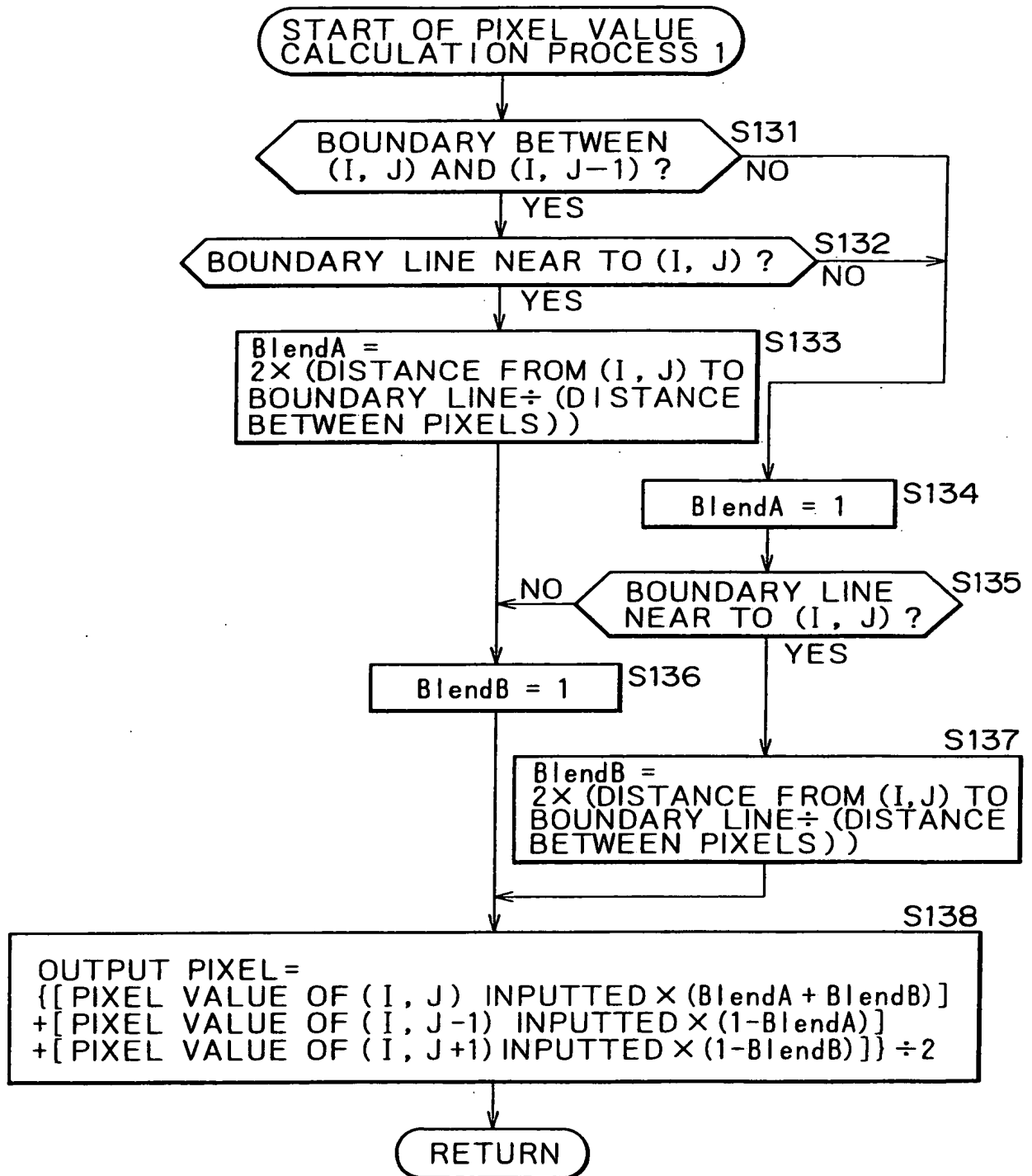
VALUE OF From	VALUE OF To	VALUE OF B	DISTANCE FROM (A, B) SIDE
1	1	$B < j + (\text{length}/2) - 0.5$	$1 - (1 \div \text{length} \times (B - j + 0.5))$
1	1	$B > j + (\text{length}/2) - 0.5$	$1 \div \text{length} \times (B - j + 0.5)$
1	0	—	$1 - (0.5 \div \text{length} \times (B - j + 0.5))$
1	-1	—	$1 - (1 \div \text{length} \times (B - j + 0.5))$
0	1	—	$0.5 + (0.5 \div \text{length} \times (B - j + 0.5))$
0	0	—	0
0	-1	—	$0.5 - (0.5 \div \text{length} \times (B - j + 0.5))$
-1	1	—	$1 \div \text{length} \times (B - j + 0.5)$
-1	0	—	$0.5 \div \text{length} \times (B - j + 0.5)$
-1	-1	$B < j + (\text{length}/2) - 0.5$	$1 \div \text{length} \times (B - j + 0.5)$
-1	-1	$B > j + (\text{length}/2) - 0.5$	$1 - (1 \div \text{length} \times (B - j + 0.5))$



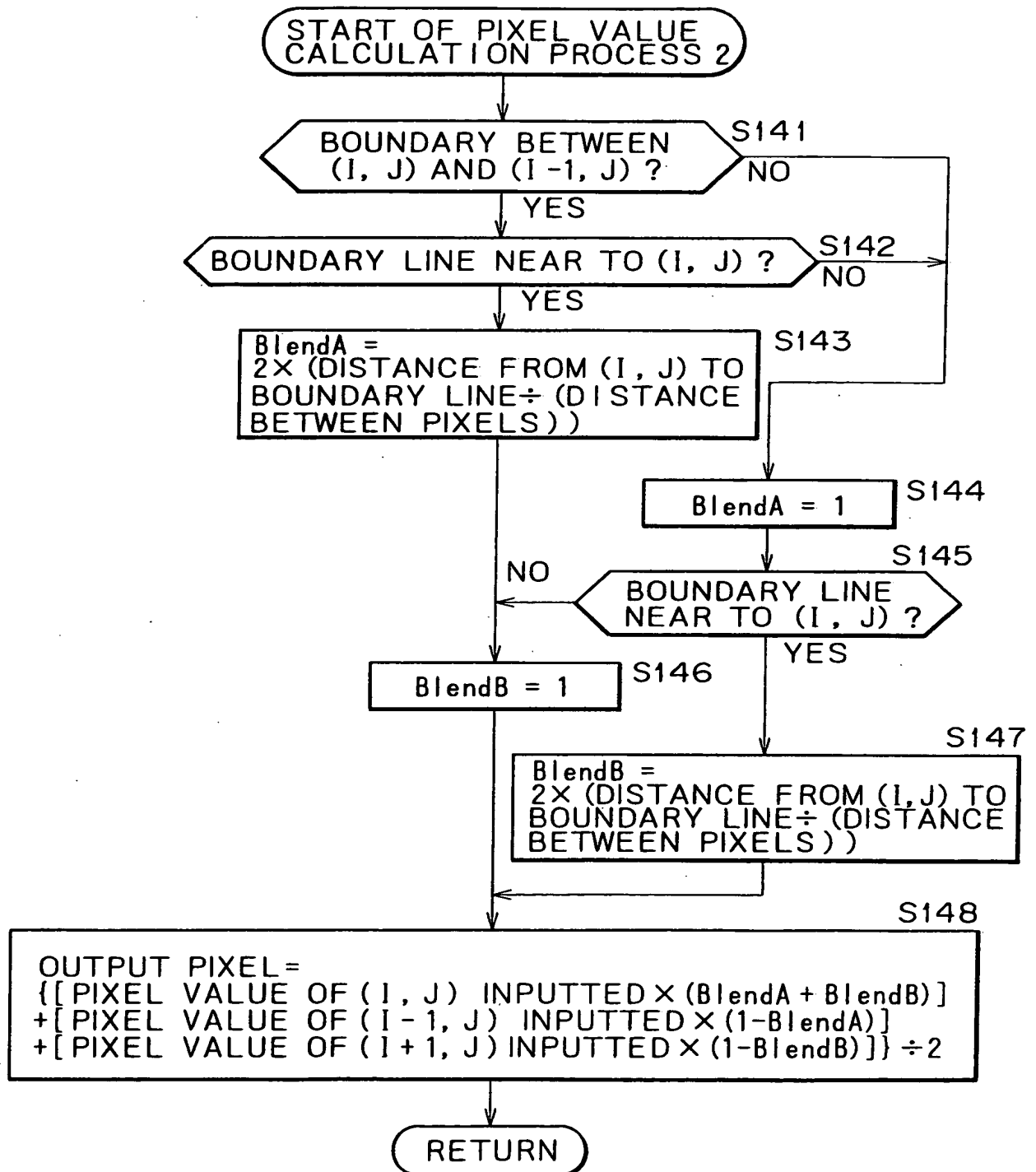
# FIG. 21



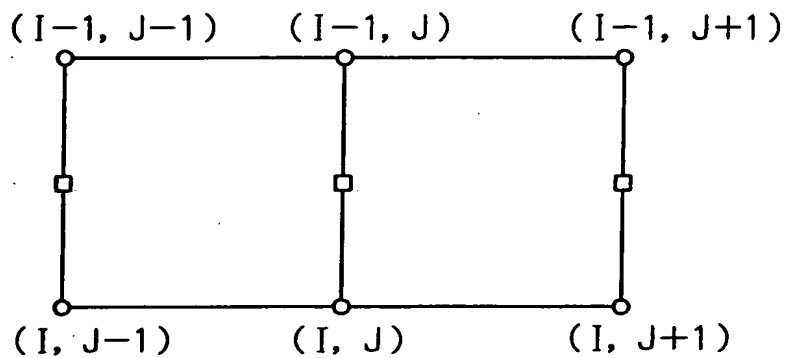
# FIG. 22



# FIG. 23



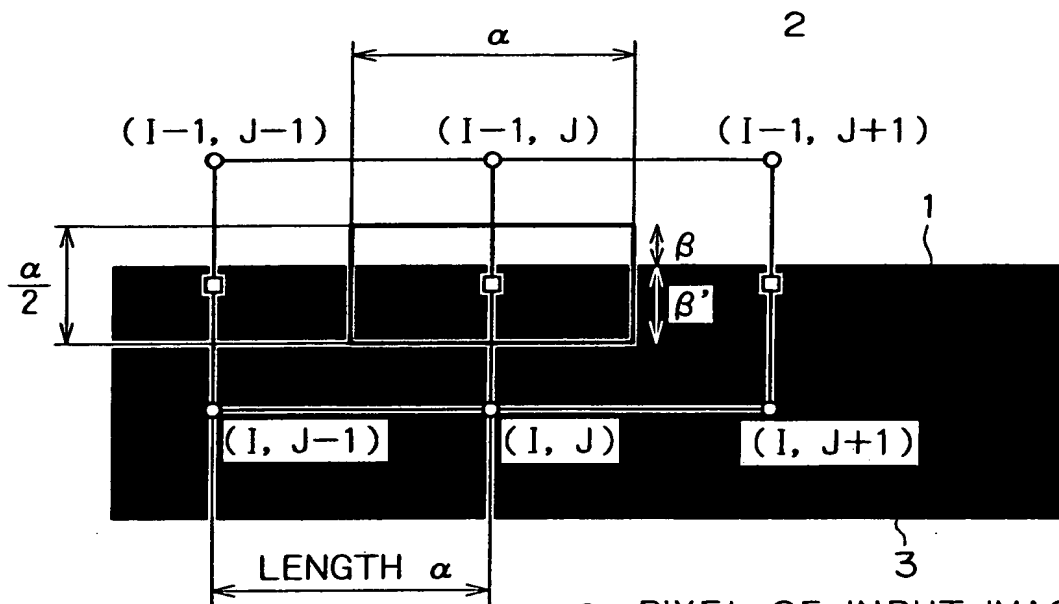
# FIG. 24A



○=PIXEL OF INPUT IMAGE

□=PIXEL PRODUCED NEWLY FOR OUTPUT IMAGE

# FIG. 24B



○=PIXEL OF INPUT IMAGE

□=PIXEL PRODUCED NEWLY FOR OUTPUT IMAGE

